

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

November

2007

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

December 15, 2007

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Mostly warm and dry conditions occurred during the first half of the month across the hydrologic service area (HSA). An abrupt change took place with the arrival of a strong cold front that moved in on the 20th - 21st. With a cold air mass in place over west central Texas, an upper level disturbance moved across on the 22nd to produce snow across a large portion of the Big Country. Western parts of the Big Country received four to six inches of snow, while much of the remainder of the Big Country received two to four inches.

Another storm system followed on the 24th - 25th that brought wide spread precipitation across the region. A mixture of precipitation that included rain, sleet and snow fell across the northwestern parts of the HSA. The heavier amounts of precipitation in the form of rain fell across Sutton and Kimble Counties up through Coleman and Brown Counties. These areas received one to two inches of rain.

The average precipitation reported from coop observers in November was 1.21 inches. The highest monthly precipitation total of 2.00 inches was reported in Brown County. Coop observers in Brown, Coleman, Kimble, Mason, McCulloch, Menard and Taylor Counties received over 1.5 inches of precipitation in November.

The San Angelo Regional Airport received 0.89 of an inch of precipitation during November, which was 0.21 of an inch below normal for the month. The monthly normal precipitation for San Angelo in November is 1.10 inches.

The Abilene Regional Airport received 1.03 inches of precipitation during November, which was 0.27 of an inch below normal for the month. The monthly normal precipitation for Abilene in November is 1.30 inches.

Junction received 1.67 inches of rain in November. The estimated average monthly rainfall for Junction in November is about 1.50 inches.

Coop Observer Rainfall Totals for November, 2007:

Station Name	Amt (in)	Station Name	Amt (in)
Abilene 2	1.20	Merkel 12SW	1.62
Acton Ranch	M	O C Fisher Dam	M
Anson	1.50	Oak Creek Lake	0.94
Ballinger 2NW	1.12	Ozona	0.40
Brady	1.87	Ozona 22SE	0.76
Brownwood	2.00	Paint Rock	1.14
Burkett	M	Putnam	1.49
Coleman	1.28	Red Bluff Crossing	1.31
Concho Park	1.01	Richland Springs	M
Eden	1.37	Robert Lee	0.86
Eldorado	0.85	Roscoe	1.15
Eldorado 10W	M	Rotan	1.04
Eldorado 12N	0.83	San Saba 7NW	M
Fort Griffin	1.08	Silver Valley	1.40
Fort McKavett	1.55	Sonora	0.99
Glen Cove	1.69	Stamford	1.22
Hamlin	1.37	Sterling City	0.45
Haskell	0.58	Taylor Ranch	1.23
Hords Creek	1.37	Telegraph	1.45
Humble Pump	1.47	Throckmorton 7NE	0.91
Junction 4SSW	1.63	Water Valley	0.96
Lawn	1.11	Water Valley 11NE	1.04
London 3N	1.61	Winters	1.22
Mason	1.65	Woodson	1.03
Menard	1.58		

(M) *Missing data*

(T) *Trace*

Reservoir Conditions (end of November, 2007)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	68,710	98
Lake Stamford	51,570	51,170	99
Hubbard Creek Lake	318,070	291,870	92
Hords Creek Lake	8,112	7,390	91
Lake Brownwood	131,428	124,810	95
E.V. Spence	517,270	76,590	15
O.C. Fisher	119,200	10,670	9
O.H. Ivie	554,340	371,800	67
Twin Buttes	177,800	78,050	44

Hydro Products Issued

None issued this month.